

## UTILITY PATENT APPLICATION TRANSMITTAL

Assistant Commissioner for Patents  
Washington, D.C. 20231  
BOX PATENT APPLICATIONCustomer No.: 23696  
Attorney Docket No.: 020180  
Date: 3/4/02  
Express Mail Label No.: ET100743978US

Dear Sir:

Transmitted herewith for filing is the patent application of:

Inventor(s): N. Sindhushayana, P. Black, R. Attar

For: Method and Apparatus for Estimating a Maximum Rate of Data and for Estimating Power Required  
for Transmission of Data at a Rate of Data in a Communication System.

Enclosed are:

1. ☒ Patent application (48) total pages.
2. ☒ Drawings: ☐ Formal ( ) sheet(s) or ☒ Informal (6) sheet(s).
3. ☐ Declaration/Power of Attorney: ☐ Signed ☐ Unsigned
4. ☐ This application claims priority from Application Serial No. , Filed , Status .
5. ☐ An Assignment ( ) pages and Recordation Form Cover Sheet.
6. ☐ A Preliminary Amendment ( ) pages.
7. ☐ Information Disclosure Statement (IDS):
  - a. ☐ PTO-1449
  - b. ☐ Copies of IDS Citations (number of citations: )
8. ☐ Other:

| CLAIMS:   | (a) Filed | (b) Extra Claims | Large Entity Fee | Fee Paid  |
|---|-----------|------------------|------------------|-----------|
| Total*  | 108 - 20  | 88               | x \$18 =         | \$1584.00 |
| Independent**   | 10 - 3    | 7                | x \$84 =         | \$588.00  |
| Multiple Dependent Claim(s): <input type="checkbox"/> No <input type="checkbox"/> Yes |           |                  | \$280            | \$        |
| APPLICATION FILING FEE  |           |                  | \$740            | \$740.00  |
|   |           |                  | TOTAL FEE        | \$2912.00 |

\*If the number in column a is less than 20, enter 0 in column b.

\*\*If the number in column b is less than 3, enter 0 in column b.

8. ☐ A check in the amount of \$\_\_\_\_\_ is enclosed to pay the filing fee.
9. ☒ Please charge Deposit Account No. 17-0026 of QUALCOMM Incorporated the amount of \$2912.00. The Commissioner is hereby authorized to charge payment of any additional fees which may be required, or credit any overpayment, to said Deposit Account No. 17-0026. A duplicate of this sheet is enclosed for fee processing.
10. ☒ The Commissioner is further hereby authorized to charge to said Deposit Account No. 17-0026, pursuant to 37 CFR 1.25(b), any fee whatsoever which may become properly due or payable, as set forth in 37 CFR 1.16 to 37 CFR 1.18 inclusive, for the entire pendency of this application without specific additional authorization.

Date: 3/4/02

Signature: Pavel KalousekPavel Kalousek, Reg. No. 44,178  
(858) 658-3072QUALCOMM Incorporated  
Attn: Patent Department  
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San Diego, California 92121-1714  
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**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re Application of )  
Sindhushayana, et al. ) For: Method and Apparatus for  
Serial No. Unknown ) Estimating a Maximum Rate of  
Data and For Estimating Power  
Required for Transmission of Data  
at a Rate of Data in a  
Communication System  
Filed: Herewith ) Group Art Unit: Unknown

**CERTIFICATE OF MAILING UNDER 37 CFR § 1.10**

Asst. Commissioner of Patents  
BOX PATENT APPLICATIONS  
Washington, D.C. 20231

Dear Sir:

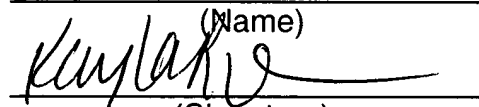
"Express Mail" mailing label No. ET100743978US  
Date of Deposit 3/4/02

I hereby certify that the following papers are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and is addressed to the Asst. Commissioner of Patents, Box Patent Applications, Washington, D.C. 20231:

**PATENT APPLICATION IN 48 PAGES; TRANSMITTAL LETTER IN DUPLICATE; 6 SHEETS OF INFORMAL DRAWINGS; AND POSTCARD**

Kayla R. Seignious

(Name)

  
(Signature)

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